

# Non-Destructive Testing of Hardened Concrete



PROVIDES INFORMATION OF CONCRETE UNIFORMITY, CAVITIES, CRACKS, FIRE/FROST DEFECTS, STRENGTH

## DEFINITION

The PUNDIT family of test instruments, specially designed for non-destructive assessment of concrete structures has always been one of the biggest sellers in our range. Now, with the launch of PUNDIT Plus we have taken a leap forward, using the latest technology to meet the increasing demands for accuracy, reliability and ease of use.

In a smart, newly designed, functional housing and with new internal electronics and battery power, the PUNDIT Plus is ready to go anywhere it is needed.

In its optional rugged metal carrying case, the unit can be used in even the most hostile environment, detecting cavities and cracks, in important concrete structures such as bridges and dams. To make recording of readings even simpler, we have also included a special switch on the unit's transducers which when pressed, records the reading.

## CHARACTERISTICS

- Ruggedly built for on-site reliability
- Simple, speedy operation
- Integral RS 232 interface
- Auto memory store for readings
- Large LCD display
- CE marked

*Web Site :*            [www.LabSupply.com.hk](http://www.LabSupply.com.hk)  
*E-mail :*              [info@LabSupply.com.hk](mailto:info@LabSupply.com.hk)

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***Excellent Technology Co.***

**卓越科技公司**

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## Specifications & Ordering information

### PUNDIT KIT

- Pundit Plus supplied in nylon holder
- Mains lead and power supply
- Two 54kHz transducers
- Two 12ft (3.7 metre) cables
- Ultrasound couplant
- Operating manual
- Optional - Rigid aluminium carrying case

### SPECIFICATION

Mode	Velocity	Transit time	Elastic Modulus
<b>Range</b>	1 to 9999	0.1 to 9999us	Up to 999.9
<b>Units</b>	M/s or ft/s	2 ranges 0.1 or 1us	GN/m <sup>2</sup>
<b>accuracy</b>	±1 m/s or ft/s	±0.1us	±0.1 GN/m <sup>2</sup>
<b>Over range</b>	Indicated by over range message		
<b>Lost signal</b>	Indicated by lost signal message		
<b>DISPLAY</b>	128 x 128 dot LCD with back lighting		
<b>Baud rate</b>	Fixed at 9600 baud		
<b>Range</b>	0°C to 40°C		
<b>Dimensions</b>	250 x 160 x 100mm		
<b>Weight</b>	2.3kg electronics unit only		
<b>Complete kit</b>	8.2kg		

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